

# Test Report

No. SHAEC2213078001

Date: 13 Sep 2022

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Client Name : CIXI JASON INDUSTRY CO., LTD.

Client Address : Dongmenwai Village, Longshan Town, Cixi City, Zhejiang Pro., China 315311

Sample Name : PLASTIC LID

The above sample(s) and information were provided by the client.

SGS Job No. : SP22-020298 - SH

Date of Sample Received : 05 Sep 2022

Testing Period : 05 Sep 2022 - 13 Sep 2022

Test Requested : Selected test(s) as requested by the client.

Test Method(s) : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation-Overall migration	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Sensorial examination odour and taste test	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation-Specific migration of heavy metal	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation-Polycyclic Aromatic Hydrocarbons (PAHs)	PASS



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Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Tom Ni

Tom Ni  
Approved Signatory

scan to see the report



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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	SHA22-130780.001	White solid	HIPS

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation-Overall migration**

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;  
EN 1186-3: 2002 aqueous food simulants by total immersion method;

<u>Simulant Used</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Area/Volume</u>
Area/Volume	-	4.6dm <sup>2</sup> /kg
20% Ethanol (V/V) Aqueous Solution (First migration)	2.0hr(s) 70°C 60mg/kg	<20mg/kg PASS

Notes :

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm<sup>2</sup> or 12 mg/kg.
- (2) Test condition & simulant were specified by client.

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments and BfR recommendation-Sensorial examination odour and taste test**

Test Method : With reference to DIN 10955:2004  
No. of panelist: 6



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<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Test media	-	DW
Test time (hr(s))	-	1
Temperature(°C)	-	100
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0
<b>Conclusion</b>		<b>PASS</b>

### Notes :

Scale evaluation:

- 0 – no perceptible difference
  - 1 – just perceptible difference
  - 2 – slight difference
  - 3 – marked difference
  - 4 – strong difference
- DW= Distilled water

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation and BfR recommendation-Specific migration of heavy metal**

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-OES and ICP-MS.

### Sample 001

Simulant Used : 3% Acetic acid (W/V) aqueous solution

Test Condition : 100 °C 1.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	First
Area/volume	-	dm <sup>2</sup> /kg	-	6.0
Arsenic(As)	ND	mg/kg	0.01	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND
Chromium(Cr)	ND	mg/kg	0.01	ND
Mercury(Hg)	ND	mg/kg	0.01	ND
Lead(Pb)	ND	mg/kg	0.01	ND
Aluminium(Al)	1	mg/kg	0.1	ND
Barium(Ba)	1	mg/kg	0.25	ND
Cobalt(Co)	0.05	mg/kg	0.01	ND
Copper(Cu)	5	mg/kg	0.25	ND
Iron(Fe)	48	mg/kg	5	ND



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Lithium(Li)	0.6	mg/kg	0.1	ND
Manganese(Mn)	0.6	mg/kg	0.1	ND
Zinc(Zn)	5	mg/kg	0.5	ND
Nickel(Ni)	0.02	mg/kg	0.01	ND
Antimony(Sb)	0.04	mg/kg	0.01	ND
Europium (Eu)	-	mg/kg	0.025	ND
Gadolinium(Gd)	-	mg/kg	0.025	ND
Lanthanum(La)	-	mg/kg	0.025	ND
Terbium(Tb)	-	mg/kg	0.025	ND
Europium (Eu)+ Gadolinium(Gd)+ Lanthanum(La)+ Terbium(Tb)	0.05	mg/kg	-	ND

### Conclusion

**PASS**

### Notes :

(1) Test condition & simulant were specified by client.

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendation-Polycyclic Aromatic Hydrocarbons (PAHs)**

Test Method : With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Naphthalene(NAP)	0.2	mg/kg	0.2	ND
Acenaphthylene(ANY)	0.2	mg/kg	0.2	ND
Acenaphthene(ANA)	0.2	mg/kg	0.2	ND
Fluorene(FLU)	0.2	mg/kg	0.2	ND
Phenanthrene(PHE)	0.2	mg/kg	0.2	ND
Anthracene(ANT)	0.2	mg/kg	0.2	ND
Fluoranthene(FLT)	0.2	mg/kg	0.2	ND
Pyrene(PYR)	0.2	mg/kg	0.2	ND
Benzo(a)anthracene(BaA)	0.2	mg/kg	0.2	ND
Chrysene(CHR)	0.2	mg/kg	0.2	ND
Benzo(k)fluoranthene(BkF)	0.2	mg/kg	0.2	ND
Benzo(a)pyrene(BaP)	0.2	mg/kg	0.2	ND
Benzo(e)pyrene(BeP)	0.2	mg/kg	0.2	ND
Indeno(1,2,3-c,d)pyrene(IPY)	0.2	mg/kg	0.2	ND
Dibenzo(a,h)anthracene(DBA)	0.2	mg/kg	0.2	ND
Benzo(g,h,i)perylene(BPE)	0.2	mg/kg	0.2	ND
Benzo(b)fluoranthene(BbF)	0.2	mg/kg	0.2	ND



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Test Item(s)

Benzo(j)fluoranthene(BjF)

Limit

0.2

Unit

mg/kg

MDL

0.2

001

ND

**Conclusion**

**PASS**

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.



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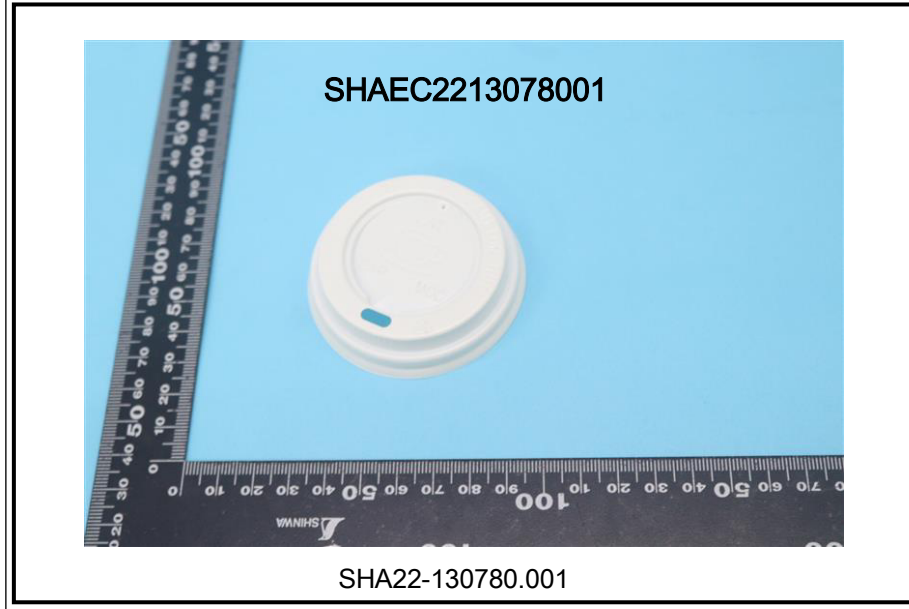
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